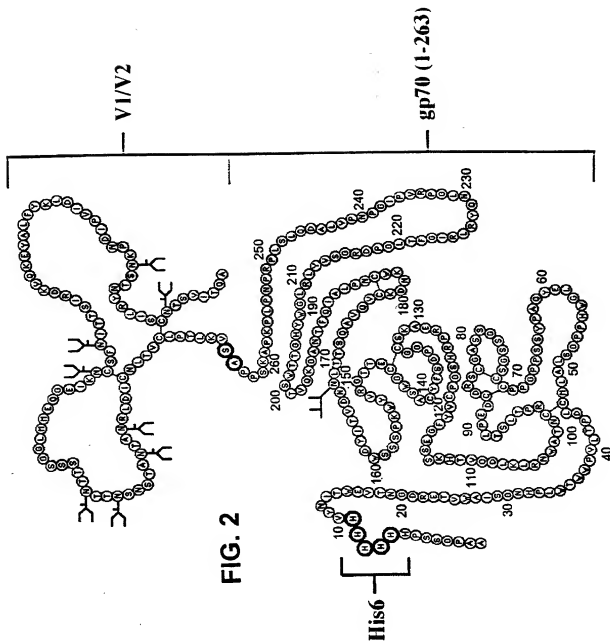


	S	G	F	I	HXB2
					Case-A2
S F N I T S I R D K V Q K E Y A L F Y K L D V V P I D	55 46 42 46 54 43 45 47 31 52 32 45 50 45 47 55 40 51 47 42 52 55 33 47 54 52 44				Most common clade /55
* * Y V S N R G N R R M K R Q N * F L N R Y * I I S V E	4 11 8 1 7 5 5 18 2 13 6 2 3 4 10 4 4 7 1 21 3 1 1 5				2nd most common /55
					185

**FIG. 1**

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Case-A2 V1/V2 fusion protein



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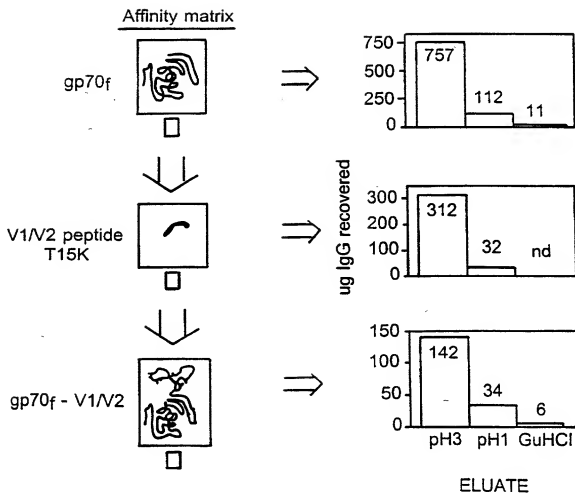


FIG. 3

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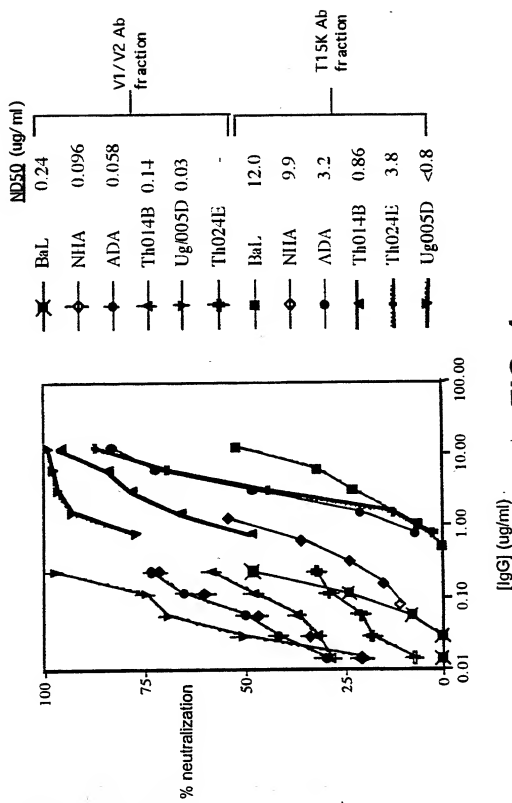


FIG. 4

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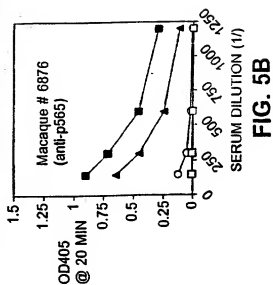


FIG. 5B

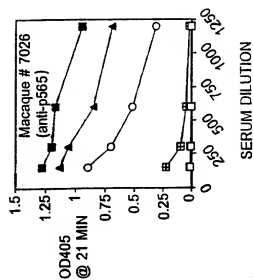
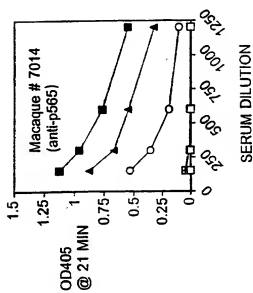


FIG. 5C



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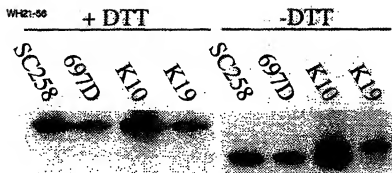
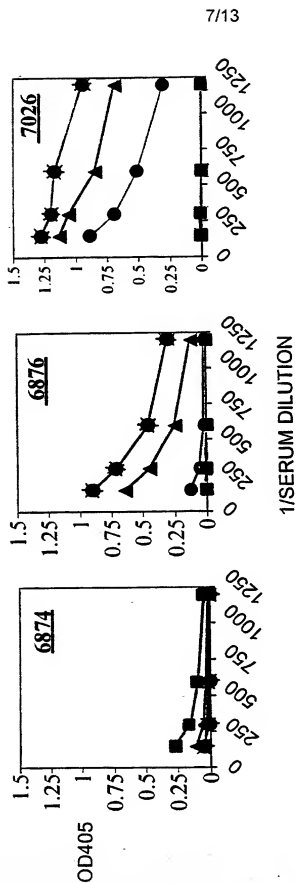


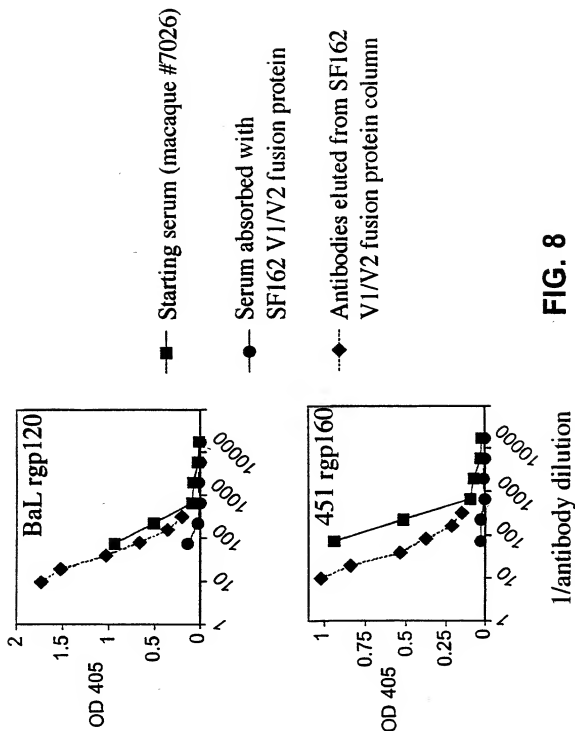
FIG. 6



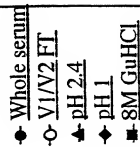
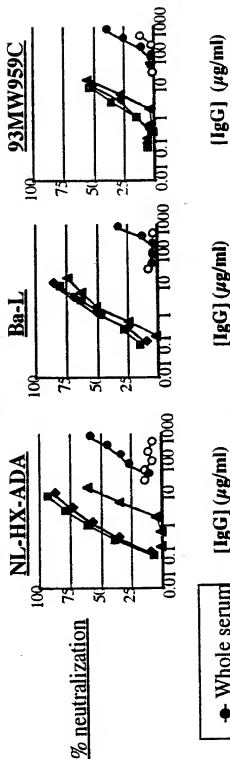
**FIG. 7**

- p621 gp70 carrier protein
- ★ p565 NA Consensus clade B sequence
- ▲ p599 Brazil clade B V1/V2 protein
- p580 Thai clade E V1/V2 protein

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Macaque #6876 serum**FIG. 9**

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## Macaque #7026 serum

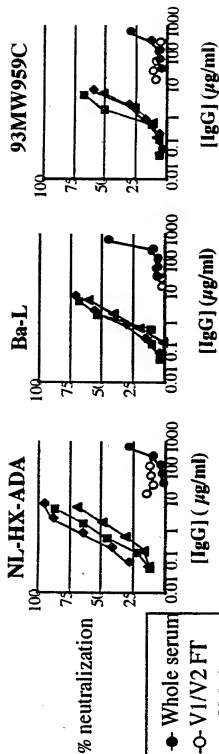


FIG. 10

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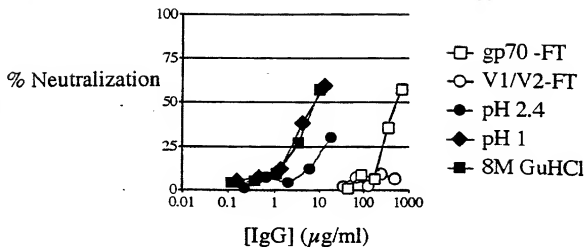


FIG. 11A

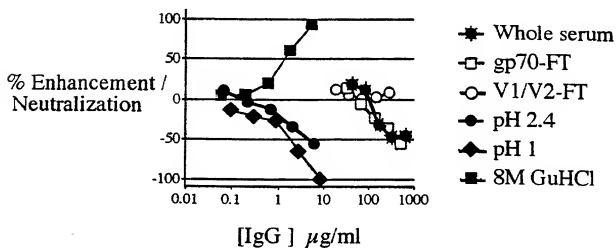


FIG. 11B

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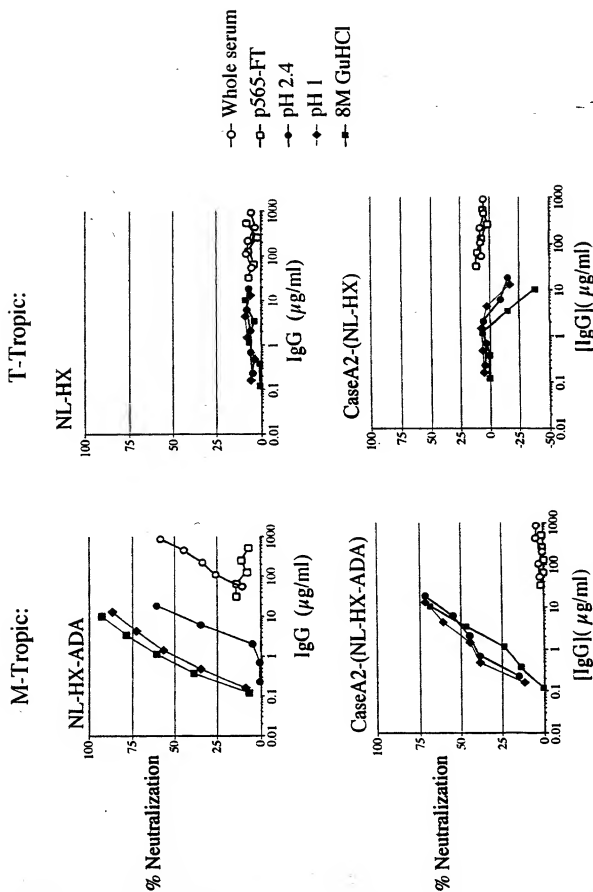
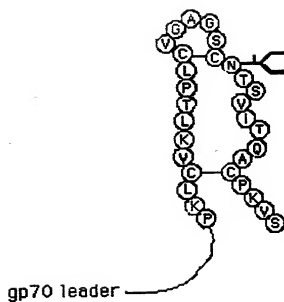


FIG. 12

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"V1/V2 stem-only"

FIG. 13